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| Applicants: | MERON, Gavriel et al. | Examiner: | COUNTS, Gary W. |
| Serial No.: | 10/036,490 | Group Art Unit: | 1641 |
| Filed: | January 7, 2002 | Attorney Docket: | P-2038-US1 |
| Title: | SYSTEM AND METHOD FOR DETERMINING THE PRESENCE OF A SUBSTANCE IN-VIVO | | |

AMENDMENT AND RESPONSE AFTER FINAL

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is being filed in response to the Office Action mailed on May 12, 2005, a reply to which is due August 12, 2005, and in response to the Advisory Action mailed on July 26, 2005. Accordingly, this paper is being timely filed. Applicants submit herewith a Request for Continued Examination under 37 CFR 1.114 with the appropriate fee.

Amendments to the Claims are reflected in the Listing of Claims beginning on page 2 of this paper.

Remarks begin on page 8 of this paper.